

CLAIMS

What is claimed is:

1 *Sub 61* 1. A method of copying a document onto a receiver, the
 2 method comprising:
 3 determining the characteristics of a receiver on which the
 4 document will be copied;
 5 from the characteristics, determining which pigments are required
 6 to render the receiver to a given standard;
 7 determining which pigments are required to render a document
 8 image on the receiver; and
 9 generating copy pigment data for a print engine from the
 10 determined receiver and document pigments, the print engine employing the
 11 copy pigment data to copy the document onto the receiver.

1 2. The method of claim 1 wherein a characteristic of the
 2 receiver is its color.

1 3. The method of claim 1 wherein the given standard is a
 2 white color.

1 *Sub 62* 4. The method of claim 1 wherein determining the
 2 characteristics of a receiver on which the document will be copied includes
 3 electronically scanning the receiver.

1 5. The method of claim 1 wherein determining the
 2 characteristics of a receiver on which the document will be copied includes
 3 electronically sensing the receiver's characteristics.

1 6. The method of claim 1 wherein determining the
2 characteristics of a receiver on which the document will be copied includes
3 accepting user-entered receiver characteristics.

1 7. The method of claim 1 wherein generating copy pigment
2 data for a print engine from the determined receiver and document pigments
3 includes adding the determined receiver and document pigments.

1 8. The method of claim 1 wherein generating copy pigment
2 data for a print engine from the determined receiver and document pigments
3 includes modifying the copy pigment data if a pigment percentage is above a
4 threshold amount.

1 9. A computer-readable storage medium on which is stored
2 software for executing the method of claim 1.

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63 10. A method of copying a document onto a receiver, the
2 method comprising:
3 electronically scanning a receiver;
4 determining from the scanned receiver the characteristics of a
5 receiver on which the document will be copied;
6 from the characteristics, determining which pigments are required
7 to render the receiver white;
8 electronically scanning a document;
9 determining from the scanned document which pigments are
10 required to render a document image onto the receiver;
11 generating copy pigment data from the determined receiver and
12 document pigments; and
13 employing the copy pigment data to copy the document image
14 onto the receiver.

1 11. A computer-readable storage medium on which is stored
2 software for executing the method of claim 9.

1 12. A copying system comprising:
2 a buffer storing data describing a document to be copied;
3 a receiver scanner scanning receivers on which a document image
4 is to be copied and producing therefrom characteristic receiver data;
5 an image processor receiving the document data and receiver data,
6 the image processor generating copy pigment data therefrom; and
7 a print engine receiving the generated copy pigment data and
8 employing the data to copy the document onto the receiver.

1 13. The copying system of claim 9 including a scanner scanning
2 documents to be copied and producing therefrom document data for the buffer.

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